HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

## TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER 3593.1000-003

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO. PCT/US2004/026359

INTERNATIONAL FILING DATE 13 August 2004 (13.08.2004)

EARLIEST PRIORITY DATE CLAIMED
13 August 2003 (13.08.2003)

TITLE OF INVENTION

(Revised) Effect of Beta-Glucan on Stem Cell Recruitment and Tissue Repair

APPLICANT(S) FOR DO/EO/US

Gordon D. Ross (deceased)

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- 1. [x] This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.
- 2. [ ] This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.
- 3. [ ] This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
- 4. [x] The US has been elected (Article 31).
- 5. [x] A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. [ ] is attached hereto (required only if not communicated by the International Bureau).
  - b. [] has been communicated by the International Bureau.
  - c. [x] is not required, as the application was filed in the United States Receiving Office (RO/US).
- 6. [ ] An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. [ ] is attached hereto.
  - b. [] has been previously submitted under 35 U.S.C. 154(d)(4).
- 7. [x] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. [] are attached hereto (required only if not communicated by the International Bureau).
    - b. [] have been communicated by the International Bureau.
    - c. [] have not been made; however, the time limit for making such amendments has NOT expired.
- d. [x] have not been made and will not be made.
- 3. [ ] An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
- 9. [ ] An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
- 10. [] An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

## Items 11 to 20 below concern document(s) or information included:

- 11. [x] An Information Disclosure Statement under 37 CFR 1.97 and 1.98 w/PTO Form 1449 (3 pgs) w/references and a copy of the International Search Report.
- 12. [ ] An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- 13. [x] A preliminary amendment (3 pgs).
- 14. [ ] An Application Data Sheet under 37 CFR 1.76.
- 15. [ ] A substitute specification.
- 16. [ ] A power of attorney and/or change of address letter.
- 17. [ ] A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 1.825.
- 18. [] A second copy of the published International Application under 35 U.S.C. 154(d)(4).
- 19. [] A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- 20. [ ] Other items or information:

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U.S. APPTCATON	568	m, 2e BCF 1.5)		ONAL APPLICATIO	N NO.	ATTORNEY'S 3593.1000-00	S DOCKET NUMBER 3	
The following fees have been submitted							CALCULATIONS	PTO USE ONLY
21. [x] Basic national fee (37 CFR 1.492(a))						\$300		
22. [x] Examination fee (37 CFR 1.492(c))								
If the written op								
examination rep	ort prepa							
PCT Article 33(	(1)-(4)					\$0		
					<u></u>		\$200	
	23. [x] Search fee (37 CFR 1.492(b))							
If the written opinion of the ISA/US or the International preliminary examination								
	•		all claims	satisfy provisio	ons of PCT Article			
33(1)-(4)					1 11 12 14 14 14	\$0		
					nal application to t			
USPTO as an Ir	nternatio	nal Searching	Authority.		IC and provided to	\$100		
International Se	earch Kep	oort prepared b	l to the US	Siner man me (	JS and provided to	\$400		ļ
the Office or pr	eviousiy	communicated	i to the OS	b by the IB		\$500	\$500	
All other situati	0115					φοσσ	\$1,000	
				22 and 23 =	100 1		\$1,000	
[] Additio	nal fee fo	or specification	n and draw	ings filed in pa	per over 100 sheet	S .		
(exclud	ling seque	ence listing in	complianc	e with 37 CFR	1.821(c) or (e) or (	computer		
		in an electronic						
The fee	is \$250	for each additi			r fraction thereof.			
Total Sheets	Evt	ra cheets			nal 50 or fraction	RATE		
Total Sheets	Total Sheets Extra sheets		thereof (round up to a whole number)					
35 - 100 =	0	/50 =				x \$250	\$0	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).						\$		
							<u> </u>	
CLAIMS	CLAIMS NUMBER FILED NUMBER RATE EXTRA				7			
Total claims 8		- 20 =	0	x \$50		\$0		
Independent of	Independent claims 4 - 3		- 3 =	1	x \$200		\$200	
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360							\$	
					OVE CALCULA	TIONS =	\$1,200	
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.							\$	
Applicant claims small entity status. See 37 CFR 1.27. Pees above are reduced by 1/2.  SUBTOTAL =						\$1,200		
							Ψ1,200	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from							\$	
the earliest claimed priority date (37 CFR 1.492(i)).								
					TOTAL NATION		\$1,200	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +						\$		
TOTAL FEES ENCLOSED =						\$1,200		
				1.	O I ALL I BED ENC		Amount to be refunded:	\$
							Amount to be charged:	\$

IAP9 Rec'd PCT/PTO 13 FEB 2006

U.S.	APPLICA	TION NO. (iskingynges 37 OP 1.5)	INTERNATIONAL APPLICATION NO. PCT/US2004/026359	ATTORNEY'S DOCKET NUMBER 3593.1000-003							
a.	[x]	A check in the amount of \$1,200 to cover the above fees is enclosed.									
b.	[]	Please charge my Deposit Account No. 08-0380 in the amount of \$[ ] to cover the above fees. A duplicate of this sheet is enclosed.									
c.	[X]	The Commissioner is hereby authorized to charge any deficiency or credit any overpayment in the fees that may be due in this matter to Deposit Account No. 08-0380. A duplicate copy of this sheet is enclosed.									
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.											
Ali	ice O. C	CORRESPONDENCE TO: arroll, Esq. No. 021005	allelo.	Causel							
HA 530	AMILTO	ON, BROOK, SMITH & RE nia Road	EYNOLDS, P.C.	Alice O. Carroll  NAME							
Concord, MA 01742-9133			RE	33,542 GISTRATION NUMBER							